

STRATFORD/RAYMARK SUPERFUND SITE

TOTAL ENVIRONMENTAL RESTORATION CONTRACTS

A SUCCESS STORY



*Remediation of radon-tainted
residential properties.*

Raymark Industries, located in Stratford, Connecticut, operated from 1919 to 1989, producing brakes, clutch parts, and other products. Raymark disposed of its wastes, which contained lead, PCBs, asbestos, and other contaminants, in a series of lagoons on its 33-acre site. The waste sludge material from the lagoons was used as fill around Stratford between 1940 and 1977. The U.S. Environmental Agency (EPA) designated the area a Superfund site.

Cleanup of this Superfund site had two phases: remediation of residential properties throughout Stratford and remediation of the Raymark site. TERC was selected as the contracting mechanism for the following reasons:

- EPA required immediate action and aggressive performance of the work.
- Investigations, designs, and remedial actions needed to be done simultaneously and in a coordinated fashion.
- A continuously changing scope of work required flexibility.
- Close coordination was needed between the two phases of work and all the parties involved: USACE, two EPA offices, Connecticut Department of Environmental Protection (DEP), Town of Stratford, a private developer, Raymark ownership, and DEP and EPA contractors.

TERC WORKS



Residential cleanup work began in April 1994 with an initial task order to prepare the preliminary project plans. A subsequent task order was awarded in early June to start site investigations. The

TERC accommodated customer's incremental funding.

project scope was expanded and funding added to this task order through 17 modifications. More than 44,000 cubic yards (nearly a threefold scope increase) of soil were removed from 37 properties and brought to Raymark for

storage. Another 30,000 cubic yards of contaminated soil were received from a state project. This complex residential cleanup was completed on schedule in 16 months at a cost of just over \$13 million.

While the residential properties were being remediated, the EPA completed the Raymark Feasibility Study and prepared the Record of Decision (ROD). Months before the ROD was signed (July 1995), the Corps issued the initial TERC task order for development of a work plan and the preliminary project plans for the demolition of the facility and the eventual capping of the site. Demolition of the facility and design of the final cap began as soon as the ROD was signed. The scope has continued to grow and now encompasses more than 30 major tasks.

The use of TERC at the Stratford/Raymark site has had many benefits:

- The design team was able to readjust to continuously changing developer requirements.
- Strong partnering was established between contractor and government personnel, as well as between construction and design teams, ensuring input from all stakeholders, enabling timely reviews, and ensuring continual progress.
- USACE was able to accommodate EPA's monthly funding through frequent task order modifications and shifting of efforts and funding to keep critical path items on schedule.
- And most important, project managers expect to complete the entire \$80 million project for remediation of the Raymark site in 22 months.

TERC flexibility allowed simultaneous investigations, design, and remediation.



NEW ENGLAND DISTRICT

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